

Amendments to the Claims

1. (Canceled).

2. (Currently Amended): A ball sizer for a paint-ball gun, comprising:
a bore, the bore having an entrance;
the entrance to the bore having a chamfer; and,
the chamfer having a smooth transition from the entrance to the bore of the sizer,
~~The ball sizer of claim 1~~ where the smooth transition of the chamfer defines a
non-circular ~~section of a parabola.~~

3. (Currently Amended): The ball sizer of claim 1 ~~2~~ where the smooth transition of the chamfer defines a section of a ~~circle~~ parabola.

4. (Currently Amended): The ball sizer of claim 1 ~~2~~ where the smooth transition of the chamfer comprises a first part defining a straight line; and a second part defining a curve.

5. (Original): The ball sizer of claim 4 where the curve of the second part defines a section of a parabola.

6. (Original): The ball sizer of claim 4 where the curve of the second part defines a section of a circle.

7. (Cancelled).

8. (Currently Amended): A ball sizer for a paint-ball gun, comprising:
a bore, the bore having an exit;
the exit to the bore having a chamfer; and,
the chamfer having a smooth transition from the bore to the exit of the sizer.~~The~~
~~ball sizer of claim 7~~, where the smooth transition of the chamfer defines a non-
circular ~~section of a parabola.~~

9. (Currently Amended): The ball sizer of claim 7 8 where the smooth transition of the chamfer defines a section of a ~~circle~~ parabola.

10. (Currently Amended): The ball sizer of claim 7 8 where the smooth transition of the chamfer comprises a first part defining a straight line; and a second part defining a curve.

11. (Original): The ball sizer of claim 10 where the curve of the second part defines a section of a parabola.

12. (Original): The ball sizer of claim 10 where the curve of the second part defines a section of a circle.